

**GENERIC NAME:** **PHENYLEPHRINE NASAL SPRAY 0.5%**  
112.24  
**BRAND NAME:** Neo-synephrine Nasal Spray 0.5%  
**CLASS:** topical vasoconstrictor

Mechanism of Action:

Stimulates  $\alpha$  receptors in the blood vessels of the nasal mucosa which causes their constriction and thereby decreases the risk of nasal bleeding.

Indications and Field Use:

Facilitation of nasotracheal intubation

Contraindications:

Known allergy to medication

**Adverse Reactions:** (rare with single dose, rarely absorbed systemically from nasal instillation)

**CV:** Hypertension, palpitations

**CNS:** Tremors

**NOTES ON ADMINISTRATION**

Incompatibilities/Drug Interactions:

None

Adult Dosage:

2-4 sprays in each nostril before attempting tube insertion

Pediatric Dosage:

None

Routes of Administration:

Mucosal; spray in each nostril

Onset of Action:

Seconds

## GD-053-PHS-EMS: Drug Profile for Phenylephrine Nasal Spray 0.5%

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### Peak Effects:

30 minutes

### Duration of Action:

30 minutes to 4 hours

### Dosage Forms/Packaging:

0.5% solution, 15 ml bottle

### Arizona Drug Box Supply Range:

PARAMEDIC: 1 - 2 bottles

INTERMEDIATE: 1 - 2 bottles

### Special Notes:

- > **Single patient use only.**
- > Air or strong light causes potency loss; do not use solution if brown in color or precipitate is in bottle.
- > Nasal intubation tips: examine nares for most patent side; administer topical vasoconstrictor, use ETT 0.5-1.0 mm smaller than for oral intubation; lubricate nostril and tube; tube bevel face nasal septum to avoid abrading Kieselbach's Plexus; advance tube along nasal floor of more patent side.